

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3	((TSUGIO) near2 (AMBO)).INV.	US-PGPUB; USPAT; USOCR	AND	ON	2009/05/10 09:16
S3	3	((YOSHIKATSU) near2 (HASEGAWA)).INV.	US-PGPUB; USPAT; USOCR	AND	ON	2009/05/10 09:17
S2	23	((SATORU) near2 (FUJIWARA)).INV.	US-PGPUB; USPAT; USOCR	AND	ON	2009/05/10 09:17
S5	134	((TAKESHI) near2 (ONO)).INV.	US-PGPUB; USPAT; USOCR	AND	ON	2009/05/10 09:18
S4	5	((OHIIHRO) near2 (NAKAGAWA)).INV.	US-PGPUB; USPAT; USOCR	AND	ON	2009/05/10 09:18
S9	168	S1 S2 S3 S4 S5 S8	US-PGPUB; USPAT	OR	ON	2009/05/10 09:19
S8	3	((KATSUJI) near2 (SHIMAZAWA)).INV.	US-PGPUB; USPAT; USOCR	AND	ON	2009/05/10 09:19
S23	2775	((@AD<"20040331") ((wiring or circuit) adj board) (track or trace or pattern or foil) (pin near3 insert\$3 near5 (hole or via))	US-PGPUB; USPAT	AND	ON	2009/05/10 10:40
S24	365	((@AD<"20040331") ((wiring or circuit) adj board) (board near5 (epoxy or resin or XRF)) (track or trace or pattern or foil) (pin near3 insert\$3 near5 (hole or via))	US-PGPUB; USPAT	AND	ON	2009/05/10 10:41
S25	38	((@AD<"20040331") ((wiring or circuit) adj board) (board near5 (epoxy or resin or XRF)) (track or trace or pattern or foil) (pin near3 insert\$3 near5 (hole or via)) (stack\$3 near5 board)	US-PGPUB; USPAT	AND	ON	2009/05/10 10:45
S27	19	((@AD<"20040331") ((wiring or circuit) adj board) (track or trace or pattern or foil) (pin near3 insert\$3 near5 (hole or via)) ((jump or jumper) near5 (hole or via))	US-PGPUB; USPAT	AND	ON	2009/05/10 10:55

S32	653	((@AD<"20040331") ((wiring or circuit) adj board) (track or trace or pattern or foil) (pin near3 insert\$3 near5 (hole or via)) (pin near5 (block or base)))	US-PGPUB; USPAT	AND	ON	2009/05/10 11:26
S36	266	((@AD<"20040331") ((wiring or circuit) adj board) (track or trace or pattern or foil) (pin near3 insert\$3 near5 (hole or via)) (pin near5 (block or base)) ((housing or case or frame) near5 pin))	US-PGPUB; USPAT	AND	ON	2009/05/10 11:35
S43	6089	((@AD<"20040331") ((wiring or circuit) adj board) (board near5 resin) (track or trace or pattern or foil))	US-PGPUB; USPAT	AND	ON	2009/05/10 12:51
S46	1029	((@AD<"20040331") ((wiring or circuit) adj board) (board near5 resin) ((track or trace or pattern) near5 foil))	US-PGPUB; USPAT	AND	ON	2009/05/10 12:55
S49	311	((@AD<"20040331") ((wiring or circuit) adj board) (board near5 resin) ((track or trace or pattern) near5 (metal adj (foil or sheet or plane))))	US-PGPUB; USPAT	AND	ON	2009/05/10 12:58
S50	6	((@AD<"20040331") ((wiring or circuit) adj board) (board near5 resin) ((track or trace or pattern) near5 (metal adj (foil or sheet or plane)))) ((metal adj (foil or sheet or plane)) near5 punch\$3)	US-PGPUB; USPAT	AND	ON	2009/05/10 13:00
S57	10	((@AD<"20040331") ((Thompson adj blade) near5 punch\$3))	US-PGPUB; USPAT	AND	ON	2009/05/10 13:22
L1	3994	((@AD<"20040331") (blow \$3 near5 (air near2 nozzle)))	US-PGPUB; USPAT	AND	ON	2009/05/11 08:21
L4	2	((@AD<"20040331") (sheet near2 holding near2 (air near2 nozzle)))	US-PGPUB; USPAT	AND	ON	2009/05/11 08:22
L3	156	((@AD<"20040331") (holding near5 (air near2 nozzle)))	US-PGPUB; USPAT	AND	ON	2009/05/11 08:22
L16	1	("5836582".pn.) ((holding or held) with sheet) (blow\$3 or injection) section nozzle	US-PGPUB; USPAT	AND	ON	2009/05/11 09:37

L17	17	((@AD<"20040331") ((sheet near2 (holding or held)) with (push near2 (pin or rod))))	US-PGPUB; USPAT	AND	ON	2009/05/11 09:43
L18	14	((@AD<"20040331") ((sheet near2 (holding or held)) with (push near2 (pin or rod))) (cut or cutting or punch\$3)	US-PGPUB; USPAT	AND	ON	2009/05/11 09:44
L19	10	((@AD<"20040331") ((sheet near2 (holding or held)) with (push near2 (pin or rod))) (cut or cutting or punch\$3) plac\$3	US-PGPUB; USPAT	AND	ON	2009/05/11 09:57
L20	1176	((@AD<"20040331") ((wiring or circuit) adj board) (board near5 ((pin or protrusion) near5 (hole or depression))) (board near5 (stack\$3 or align\$4))	US-PGPUB; USPAT	AND	ON	2009/05/11 11:54
L22	269	((@AD<"20040331") ((wiring or circuit) adj board) (board near5 ((pin or protrusion) near3 (hole or depression)) near3 (stack\$3 or align\$4))	US-PGPUB; USPAT	AND	ON	2009/05/11 11:55
L21	512	((@AD<"20040331") ((wiring or circuit) adj board) (board near5 ((pin or protrusion) near5 (hole or depression)) near5 (stack\$3 or align\$4))	US-PGPUB; USPAT	AND	ON	2009/05/11 11:55
L23	245	20 22	US-PGPUB; USPAT	AND	ON	2009/05/11 11:56
L24	272	((@AD<"20040331") ((wiring or circuit) adj board) (board near3 (pin or protrusion)) (board near3 (hole or depression)) (((pin or protrusion) near5 (hole or depression)) near5 (board near5 (stack\$3 or align\$4)))	US-PGPUB; USPAT	AND	ON	2009/05/11 12:54
L25	175	23 24	US-PGPUB; USPAT	AND	ON	2009/05/11 12:55
L27	8	((@AD<"20040331") ((wiring or circuit) adj board) (board near3 (protrusion)) (board near3 (hole or depression)) (((protrusion) near5 (hole or depression)) near5 (board near5 (stack\$3 or align\$4)))	US-PGPUB; USPAT	AND	ON	2009/05/11 12:59

L26	13	((@AD<"20040331") ((wiring or circuit) adj board) (board near3 (pin or protrusion)) (board near3 (hole or depression)) (((protrusion near5 (hole or depression)) near5 (board near5 (stack \$3 or align\$4))))	US-PGPUB; USPAT	AND	ON	2009/05/11 12:59
L29	221	((@AD<"20040331") ((wiring or circuit) adj board) (end near2 (connecting near2 pin))	US-PGPUB; USPAT	AND	ON	2009/05/11 13:48
L30	151	((@AD<"20040331") ((wiring or circuit) adj board) (((connecting near2 pin) near5 (end near2 (connecting near2 pin))))	US-PGPUB; USPAT	AND	ON	2009/05/11 13:49
L43	15	((@AD<"20040331") ((wiring or circuit) adj board) (board with ((block or body) near3 (pin and (hole or receptacle)))) ((block or body) near5 resin)	US-PGPUB; USPAT	AND	ON	2009/05/11 15:32
L42	130	((@AD<"20040331") ((wiring or circuit) adj board) (board with ((block or body) near3 (pin and (hole or receptacle))))	US-PGPUB; USPAT	AND	ON	2009/05/11 15:32
L44	4	((@AD<"20040331") (((wiring or circuit) adj board) near5 stack\$3) (board near5 connector) (connector near3 (pin and (hole or receptacle)))) (connector with resin)	US-PGPUB; USPAT	AND	ON	2009/05/11 15:49
L45	1528	174/261.cor. 361/784,785,790.cor. 29/830.cor.	US-PGPUB; USPAT	OR	ON	2009/05/11 17:06
L47	10	45 46	US-PGPUB; USPAT	AND	ON	2009/05/11 17:08
L46	953	((@AD<"20040331") ((wiring or circuit) adj board) (track or trace or pattern or foil) (pin near3 insert\$3 near5 (hole or via)) (pin near5 (block or body or base))	US-PGPUB; USPAT	AND	ON	2009/05/11 17:08

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